

09/652,376

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
NEWS 3 Feb 06 Engineering Information Encompass files have new names
NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7 May 07 DGENE Reload
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's
DWPI and DPCI

NEWS EXPRESS July 11 CURRENT WINDOWS VERSION IS V6.0b,
CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP),
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2001

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FILE 'HOME' ENTERED AT 09:34:50 ON 30 JUL 2001

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

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STRUCTURE FILE UPDATES: 29 JUL 2001 HIGHEST RN 349446-89-5
DICTIONARY FILE UPDATES: 29 JUL 2001 HIGHEST RN 349446-89-5

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading c:\stnexp4\queries\09652376.str

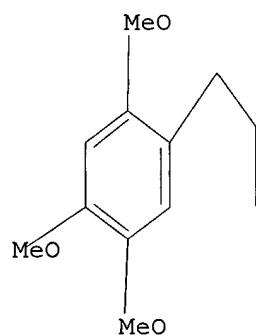
L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.
L2 QUE L1

=> s 12

SAMPLE SEARCH INITIATED 09:35:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 446 TO ITERATE

100.0% PROCESSED 446 ITERATIONS
SEARCH TIME: 00.00.01

23 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

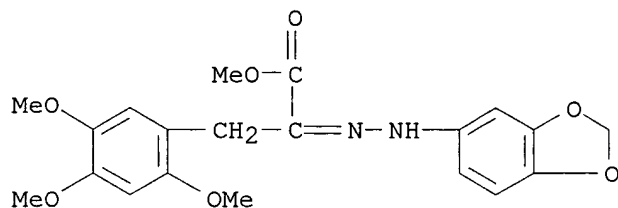
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BATCH **COMPLETE**
PROJECTED ITERATIONS: 7654 TO 10186
PROJECTED ANSWERS: 173 TO 747

L3 23 SEA SSS SAM L1

=> d scan

L3 23 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN Benzenepropanoic acid, .alpha.-(1,3-benzodioxol-5-ylhydrazono)-2,4,5-
trimethoxy-, methyl ester (9CI)
MF C20 H22 N2 O7



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 12 full css

FULL SEARCH INITIATED 09:35:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9102 TO ITERATE

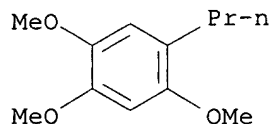
100.0% PROCESSED 9102 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L4 1 SEA CSS FUL L1

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 6906-65-6 REGISTRY
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1,2,4-Trimethoxy-5-propylbenzene
CN Dihydroasarone
FS 3D CONCORD
MF C12 H18 O3
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXLINE, TOXLIT
(*File contains numerically searchable property data)

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5 REFERENCES IN FILE CA (1967 TO DATE)
5 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus caold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	135.37	135.52

FILE 'CAPLUS' ENTERED AT 09:36:22 ON 30 JUL 2001
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=> s 14

L5 6 L4

=> d 1-6 bib ab hitstr

L5 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1995:740149 CAPLUS
DN 123:187711
TI Studies on crude drugs effective on visural larva migrans. XVI. Mobility inhibition and nematocidal activity of asarone and related phenylpropanoids on second-stage larvae of *Toxocara canis*
AU Sugimoto, Naoki; Goto, Yoshihisa; Akao, Nobuaki; Kiuchi, Fumiyuki; Kondo, Kaoru; Tsuda, Yoshisuke
CS Sch. Med., Kanazawa Univ., Kanazawa, 920, Japan
SO Biol. Pharm. Bull. (1995), 18(4), 605-9
CODEN: BPBLEO; ISSN: 0918-6158
DT Journal
LA English
AB The in vitro effect of asarone, the nematocidal principle of the rhizome of *Acorus calamus*, on second-stage larvae of *Toxocara canis* is composed of two independent actions: one is a fast acting inhibition of the larval mobility and the other is a slow acting larvicidal action. Mobility of the larvae was rapidly inhibited when they were incubated with asarone. Dye exclusion assay revealed that larvae were alive at this stage, and their mobility was restored after the first inhibition, suggesting that this effect was temporary and reversible. However, when the mobility

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decreased again during prolonged incubation, the cellular viability of larvae disappeared, showing that they were killed by the compd. The above

two-stage effect of asarone was almost identical in two geometrical isomers ((E)- and (Z)-asarone). Di- and tri-methoxypropenyl or propylbenzenes carrying two methoxy groups at a vicinal position on a benzene ring showed, more or less, a two-stage effect of this type. These two actions were suggested to be separable by an appropriate modification of the structure.

IT 6906-65-6

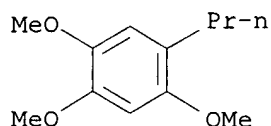
RL: BAC (Biological activity or effector, except adverse); PRP (Properties); BIOL (Biological study)

(studies on crude drugs effective on visural larva migrans. XVI.

Mobility inhibition and nematocidal activity of asarone and related phenylpropanoids on second-stage larvae of *Toxocara canis*)

RN 6906-65-6 CAPLUS

CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2001 ACS

AN 1990:138847 CAPLUS

DN 112:138847

TI Potential antipsychotic agents. 5. Synthesis and antidopaminergic properties of substituted 5,6-dimethoxysalicylamides and related compounds

AU Hoegberg, Thomas; Bengtsson, Stefan; De Paulis, Tomas; Johansson, Lars; Stroem, Peter; Hall, Haakan; Oegren, Sven Ove

CS CNS Res. Dev., Astra Res. Cent. AB, Soedertaelje, S-151 85, Swed.

SO J. Med. Chem. (1990), 33(4), 1155-63

CODEN: JMCMAR; ISSN: 0022-2623

DT Journal

LA English

OS CASREACT 112:138847

AB A series of 3-substituted 5,6-dimethoxysalicylamides (I) have been synthesized from the corresponding 2,5,6-trimethoxybenzoic acids. Relaxation times T1 and carbon chem. shifts of the methoxy groups in I showed that the 6-methoxy group adopts a nearly perpendicular orientation and the 5-methoxy group takes on a more coplanar orientation with respect to the ring plane in soln. The salicylamides I display a very high and stereoselective affinity for the [3H]spiperone and [3H]raclopride binding sites in vitro. Regioisomers of salicylamides I also exhibit pronounced, but lower than I, affinity for the [3H]spiperone binding site. The structural requirements were further assessed by studies of the related amino analogs and hydroxy analog. 3-Bromo compd. II (FLB 463) was studied

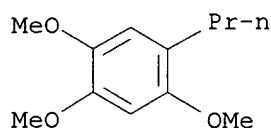
in various in vivo models and compared with the dopamine-D2 antagonists sulpiride, raclopride, eticlopride, and haloperidol. The high potency of I to selectively block dopamine-D2 receptors in vitro and in vivo

combined

with indications on a low potential for motor side effects makes it a very

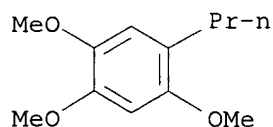
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interesting new member of the class of substituted salicylamides.
IT **6906-65-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and carboxylation of)
RN 6906-65-6 CAPLUS
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



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L5 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1983:517832 CAPLUS
DN 99:117832
TI Repellency and toxicity of 55 insect repellents to red-winged blackbirds
(Agelaius phoeniceus)
AU Schafer, E. W., Jr.; Jacobson, M.
CS Denver Wildl. Res. Cent., USFWS, Denver, CO, 80225, USA
SO J. Environ. Sci. Health, Part A (1983), A18(4), 493-502
CODEN: JESEDU; ISSN: 0360-1226
DT Journal
LA English
AB A joint research program was initiated in 1979 to investigate the potential avian repellency and toxicity of 55 selected insect repellents originating from or related to naturally occurring chems. Seven of the chems. or exts. tested exhibited avian repellency and 2 of these were considered to be moderately active, with 50% avian repellency concns. of 0.237 (trans-asarone [2883-98-9]) and 0.240% (safrole [94-59-7]). None of the 55 chem. or exts. exhibited acute oral toxicity at .ltoreq.100 mg/kg to the red-winged blackbird (Agelaius phoeniceus).
IT **6906-65-6**
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(repellency and toxicity of, to red-winged blackbirds)
RN 6906-65-6 CAPLUS
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)

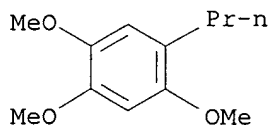


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JUL

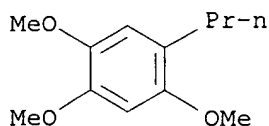
L5 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1982:100901 CAPLUS
DN 96:100901
TI Constituents of Acorus calamus: structure of acoramone. Carbon-13 NMR spectra of cis- and trans-asarone
AU Patra, Amarendra; Mitra, Alok K.
CS Dep. Chem., Univ. Coll. Sci., Calcutta, 700009, India
SO J. Nat. Prod. (1981), 44(6), 668-9
CODEN: JNPRDF; ISSN: 0163-3864

09/652,376

DT Journal
LA English
AB The phenylpropane derivs. isoeugenol Me ether, .gamma.-asarone, cis-asarone, trans-asarone, and the new natural product acoramone (I) were isolated along with asarylaldehyde from the oil of A. calamus. The ¹³C-NMR signal assignments of cis- and trans-asarone and their dihydroderivative are also reported.
IT **6906-65-6**
RL: BOC (Biological occurrence); BIOL (Biological study); OCCU (Occurrence)
(of Acorus calamus)
RN 6906-65-6 CAPLUS
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



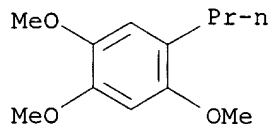
L5 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2001 ACS
AN 1969:31614 CAPLUS
DN 70:31614
TI Isolation of 2,4,5-trimethoxyallylbenzene from *Caesulia axillaries* oil
AU Devgan, O. N.; Bokadia, M. M.
CS Southern Illinois Univ., Carbondale, Ill., USA
SO Aust. J. Chem. (1968), 21(12), 3001-3
CODEN: AJCHAS
DT Journal
LA English
AB The phenolic ether obtained from the essential oil of *C. axillaries* has been shown to be 2,4,5-trimethoxyallyl-benzene, on the basis of chem. and spectroscopic evidence. It has tentatively been named as .gamma.-asarone.
IT **6906-65-6P**
RL: PREP (Preparation)
(from *Caesulia axillaris* oil)
RN 6906-65-6 CAPLUS
CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



✓ L5 ANSWER 6 OF 6 CAOLD COPYRIGHT 2001 ACS
AN CA65:8851d CAOLD
TI oxa compds. - (VI)
AU El'tsov, A. V.; Minkin, V. I.; Tsereteli, I. Yu.
IT **6906-65-6**
RN 6906-65-6 CAOLD

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CN Benzene, 1,2,4-trimethoxy-5-propyl- (7CI, 8CI, 9CI) (CA INDEX NAME)



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	ENTRY	SESSION
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DWPI and DPCI
NEWS 10 Aug 23 In-process records and more frequent updates now in
MEDLINE
NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN
NEWS 13 Sep 17 IMSworld Pharmaceutical Company Directory name change
to PHARMASEARCH

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